Information

about the certification

flame-retardant according to the US standard NFPA/701

Fabric • atlanta colour no. 671. ..

Certificate-number **178687**

Confirmation The company erfal confirms, that this quality underlies the certificate 178687.

Jörg Erler
Managing Director

erfal stands for quality made in Germany.
Please consider the enclosed care and cleaning instructions to ensure a long service life while preserving the original product characteristics.
For questions about the care of our fabrics please contact:

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SGS

Test Report No.: 178687	Date: July 24, 2003

SAMPLES SUBMITTED BY CLIENT AS: Two (2) Rolls
1) Blackout
2) Lo Gain

DATE OF RECEIPT: July 22, 2003

TESTING PERIOD: July 23, 2003

TESTS REQUESTED: Flame Propagation of Textiles and Films

TEST RESULTS: Please refer to the following pages

CONCLUSION: The submitted samples were found to meet the requirements of NFPA 701-1999 Test Method 1.

PREPARED BY:

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Textiles

SIGNED FOR AND ON BEHALF OF SGS U.S. TESTING COMPANY, INC.

Uriel Kinderman
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RESULTS:

Flame Propagation of Textiles and Films
National Fire Protection Association STD. 701/1999-Test Method 1

Conditioning: 220°F ± 5°F oven for 30 minutes

Sample: Blackout

Original wt. (grams)	Post wt. (grams)	After Flame (seconds)	Residues (seconds)	Wt. Loss (percent)
28.1	23.7	0.0	0.0	15.7
28.0	23.8	0.0	0.0	15.0
28.0	23.7	0.0	0.0	15.4
28.4	24.3	0.0	0.0	14.4
28.2	23.9	0.0	0.0	15.7
28.3	23.9	0.0	0.0	15.5
28.4	24.1	0.0	0.0	15.1
28.4	24.2	0.0	0.0	14.8
28.2	24.0	0.0	0.0	14.9
28.8	25.1	0.0	0.0	12.8
		AVG	0.0	14.9
		3*STDEV		2.4
		AVG+3STDEV		17.3

Requirements: Average weight loss shall not be more than 40% and any individual specimen shall not exceed the mean value plus three standard deviations.

Flamming Fragments Or Residues: Shall not continue to flame after reaching the floor of the tester for more than an average of two seconds per specimen for the sample of 10 specimens.

SGS

Report No.: 178887
Date: 07/24/03
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RESULTS:

Flame Propagation of Textiles and Films
National Fire Protection Association STD. 701/1999-Test Method 1

Conditioning: 220°F ± 5°F oven for 30 minutes

Sample: Lo Gain

Original wt. (grams)	Post wt. (grams)	After Flame (seconds)	Residues (seconds)	Wt. Loss (percent)
29.1	26.3	0.0	0.0	13.1
28.5	23.9	0.0	0.0	16.1
29.6	24.6	0.0	0.0	14.0
28.6	22.5	0.0	0.0	21.3
28.4	23.4	0.0	0.0	17.6
28.5	24.7	0.0	0.0	13.3
28.5	22.0	0.0	0.0	22.8
28.9	23.0	0.0	0.0	20.4
28.1	23.7	0.0	0.0	15.7
28.7	24.8	0.0	0.0	13.6
		AVG	0.0	16.8
		3*STDEV		10.8
		AVG+3STDEV		27.6

Requirements: Average weight loss shall not be more than 40% and any individual specimen shall not exceed the mean value plus three standard deviations.

Flamming Fragments Or Residues: Shall not continue to flame after reaching the floor of the tester for more than an average of two seconds per specimen for the sample of 10 specimens.

End of Report